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No. 10 October 1986 Oppenheimer Software

This is the ninth edition of the Periodic Electronic Newsletter (PEN) for MCI Mail users assigned to Oppenheimer Software. You may respond to anything you read in the PEN by typing ANSWER at the COMMAND: line that appears after you read this. This is the same as CREATE[ing] an electronic message to Oppenheimer Software, except the MCI Mail system already knows to whom to send it. This mailbox is toll free - you may write to it as often as you wish, at no charge! (Please note that you may order a toll free mail box - contact me for more information.)

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>>>>>>>>>>>>>>>>>>
DISCOUNT COMPUTERS
>>>>>>>>>>>>>>>>>>

What three businesses can be found in nearly every American town?
Sears, Howard Johnson, and Radio Shack.

Oppenheimer Software is not involved in selling washing machines, or ice cream (too bad!). However, we do sell computers and custom programming services.

We have clients throughout the country. When we sell a computer system to a distant client, we want them to have qualified, local support and repair facilities.

To meet this need, Oppenheimer Software has become an authorized Tandy Value Added Reseller. Tandy (division of Radio Shack) produces highly acclaimed, lap top computers with built in modems, as well as IBM PC, XT and AT compatible systems.

While competitively priced, Tandy's systems are not as cheap as the lowest cost clones currently on the market. However, if there is a problem with a Tandy, there is sure to be a nearby Radio Shack store to promptly help. Shipping a clone to a distant location for repair can be an uncertain, costly and time consuming experience.

If you have been thinking of purchasing a new computer for your business, or portable computers for use with MCI Mail, now is the time to act. During the month of November, we will be offering the entire Tandy line for 20% off.

Sample prices:

Model 102 (lap top)	was $499	now $399
Model 3000 (AT compatible)	was $2199	now $1760
Model 2000 (PC compatible)	was $1599	now $1280
Model 1000SX (PC compatible)	was $1199	now $ 960

Please contact us at mailbox 218-0241 as soon as possible for more information

>>>>>>>>>>>>>>>>>>
MCI Mail to France
>>>>>>>>>>>>>>>>>>
MCI announces of the first public electronic messaging service between France and the United States. Subscribers of MCI Mail and subscribers of France Cable et Radio's (FCR) Missive electronic messaging systems are now be able to exchange electronic messages.

The MCI/FCR agreement is the first international interconnection between previously non-compatible public electronic mail systems in the U.S. and France. The interconnection is accomplished via MCI's proprietary LINK(tm) protocol.

"This new service offering continues MCI's commitment to developing and interconnecting message handling services on a global basis," said Steve Mott, vice president of sales and marketing for MCI International.

Rates for MCI MAIL subscribers are $2.50 for the first 7500 characters and $1 for each additional 7500 characters.

Sending messages is similar to sending to a CompuServe subscriber.

1. At the TO: prompt put in the addressee's name and type (EMS) next to it. For example:

TO: John Smith (EMS)

2. When prompted for the name of the EMS, type Missive

3. At the next prompt, type the identifying name or number of the Missive addressee.

4. Then just continue as you would with regular MCI Mail correspondence.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
Have you considered Advanced Service?
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Remember that old single speed bike with the wide balloon tires that you had as a kid was great while you were learning to ride it. It was sure, steady, and got you where you wanted to go - eventually. A few years later you moved up to a 3 speed bicycle? After taking a few of those hills, you wondered how you ever managed on that old clunker.

When you entered college, you may have decided to move up to a quality 10 speed bicycle with drop bars, side baskets and toe clips. For the first time, those weekend bike trips in Vermont were possible.

If you are an active user of the MCI Mail system, Advanced Service provides solutions for your communications problems, increases your storage capacity on the system and helps you "fly" through you work.

Contact us (MCI ID# 218-0241) when you are ready for your 10 speed service.

Sample benefits:

>Commands can be issued as sentences, rather than through the slow menus

>Scan your inbox/outbox/desk/all for messages created before/on/after a specific date/yesterday/today
For example, SCAN INBOX AFTER 25-FEB
Scan your inbox/outbox/desk/all for messages from/to a name
For example, SCAN OUTBOX TO JONES
Scan your inbox/outbox/desk/all by subject
For example, SCAN INBOX SUBJECT MEETING
These features can be mixed as needed
For example, SCAN ALL FROM JONES ON TODAY

>Incoming messages that have been read remain in the DESK for 5 days, allowing you to review them later.

>Your previously registered letterhead may appear on paper mail.

>Your previously recorded signature may appear on paper mail.

>Lists can be verified to make sure all addresses are valid.

>Charge codes may be used to bill specific messages to specific cost centers.

>Scanned/read messages can be forwarded to other mailboxes.

>Send messages in Document form-without TO: and CC: - ideal for newsletters.

>>>>>>>>
For Sale
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Overstock: Tape Backup for IBM PC/XT.

We have been using the Irwin Magnetics tape backup systems inhouse for two years and have been very pleased with their operations. A 10 mg. backup takes about 12 minutes of unattended work. The system can do both image and file oriented backups, easily backups disks larger then 10 mg. and attaches externally to the computer, allowing it to be shared between several computers. Complete with 1 year warrantee.

Retail $995, on Sale for $650.

Preowned computer:

Columbia 4950 (IBM XT clone) with 704K RAM, NEC V20 CPU (faster then 8008), clock/calendar, CGA board, Princeton Graphics HX12 monitor, 30 mg. disk drive, tape backup, 1 floppy drive, 1200 baud internal modem, 300 CPS serial printer (needs cable), dBASE III, Quik Report III, Framework, MS DOS 2.1, GW BASIC, Microsoft BASIC Compiler, Professional BASIC, Mathplan, PC Tax Cut, Sidekick, Turbo Pascal, Wordplus PC, Word Perfect 4.0 + lots of games and freeware. Selling for $4750 ($11,000 value).

>>>>>>>
SCRIPTS
>>>>>>>

Have you thought of using MCI Mail to collect information from remote offices, clients, or sales people? SCRIPTS enables you to design and generate interactive on-line data entry forms with MCI Mail.

To date, MCI Mail has been mostly used for free-form correspondence. With SCRIPTS, reports and transactions of all kinds can be handled with great ease and efficiency. The combination of SCRIPTS and MCI Mail can be used for:

*Reporting from remote field offices and sales reps.

*Developing a nationwide on-line data entry network with no capital investment or start-up time.

*Capture information such as:

Purchase Orders	Online Order Entry
Sales Reports	Employee Activity Reports
Insurance Claims	Registration Information
Loan Applications	Survey Questionnaires

SCRIPTS is for intelligent data gathering. It can check for data entry errors and issue help messages when it detects a mistake. Which questions are asked can be based upon a previously entered answer. It can even issue extensive HELP messages if desired.

The input format can be made to look like your existing paper forms. The output that you read can be made to look like your existing forms, or can be designed for direct entry into your computer for further processing. The forms can be protected so that only certain people have access to it.

The best feature is that no special hardware is needed... The traveling salesperson in his hotel room can use his 5 lb. portable Radio Shack 100 computer to communicate to your PC or mainframe, and of course, you can communicate back to him.

Oppenheimer Software is prepared to design scripts to meet your specific needs. For more information, just type ANSWER when you are done reading this, or call Oppenheimer Software at 212-787-2416 or 212-724-9785.

>>>>>>>>>>>>>>>>>>>>
Call waiting problems
>>>>>>>>>>>>>>>>>>>>

If you are using an IBM PC or compatible and have call waiting on you phone line, calls coming in while you are on MCI Mail will generate noise on the line.

The following program, designed for use with BASICA eliminates the problem.

If you do not know who to program your program, Oppenheimer Software can supply a floppy disk with the program already loaded, executable from either BASICA or directly from DOS, for $35.00 prepaid.

```
10 'This short program solves the problem of call waiting interrupting
20 'a communications session. Just run this before your communications
21 ' program. It remains in effect until you reset your Hayes Smartmodem
22 ' If your modem is on COM2:, then change line 40 to "COM2:1200" etc.
30 COLOR 15,9
31 CLS:LOCATE 12,18
32 PRINT CHR$(7);"Setting Hayes Smartmodem 1200 for Call Waiting"
35 OUT 1020,4:GOSUB 110:OUT 1020,3:GOSUB 110
40 OPEN "COM1:1200,N,8" AS #1:GOSUB 110
50 MSG$="ATS10=100"+CHR$(13):GOSUB 100:GOSUB 110
70 CLOSE
71 LOCATE 12,1:PRINT SPACE$(80)
72 LOCATE 12,22:PRINT CHR$(7);"Now Executing ASCOM IV -- Please Wait"
80 SYSTEM
100 FOR X=1 TO LEN(MSG$):PRINT #1,MID$(MSG$,X,1);:NEXT
110 FOR X=1 TO 1500:NEXT
120 RETURN
125 '
130 ' Line 35: Port 1020 (3FC) is the MCR (Modem Control Register). The
131 '          bits are described on page 6-9 of the Hayes Smartmodem
132 '          1200 manual. First CALLWAIT sends a 4, which enables the
133 '          interrupt line drivers, and allows the UART to interrupt
134 '          the controller. If there are any problems with the serial
135 '          port, this command should generate some kind of error.
136 '          OUT 1020,3 will reset the modem and is equivalent to
137 '          power off/power on. This must be held for at least 50 ms.
138 '          This is done using the timing loop at line 110.
139 '
140 ' Line 40: Open the COM1 port for 1200 baud, no parity and 8 bit words
141 '          using buffer #1.
142 '
143 ' Line 50: Sends a command to the modem. The AT is the ATtention code,
144 '          which must precede all modem commands. The S10=100 is
145 '          described on page 6-7 of the manual. It allows the carrier
146 '          signal to momentarily disappear. The S10=100 sets the time
147 '          interval for which the carrier may be lost. This interval
148 '          is adjustable in tenths of a second.
```

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Till next time......

Gary.......
MCI Mail Agency NY4
MCI ID# 218-0241
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